

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-44 (canceled).

45. (New) An antigen comprising a peptide present in the ENV protein of MvP-5180/91, wherein the peptide is from 10 amino acids in length to 33 amino acids in length and comprises an amino acid sequence encoded by SEQ ID NO:35, and wherein the antigen binds to an antibody that can bind to HIV-O.

46. (New) The antigen of claim 45, wherein the amino acid sequence encoded by SEQ ID NO:35 is alanine-alanine-glycine-serine-threonine-methionine.

47. (New) An antigen comprising a peptide present in the ENV protein of MvP-5180/91, wherein the peptide is from 15 amino acids in length to 33 amino acids in length and comprises an amino acid sequence encoded by SEQ ID NO:35, and wherein the antigen binds to an antibody that can bind to HIV-O.

48. (New) The antigen of claim 47, wherein the peptide is from 16 amino acids in length to 33 amino acids in length.

49. (New) The antigen of claim 47, wherein the amino acid sequence encoded by SEQ ID NO:35 is alanine-alanine-glycine-serine-threonine-methionine.

50. (New) A test kit for detecting antibodies that can bind to HIV-O comprising:

- (a) the antigen of claim 45 and
- (b) ancillary reagents suitable for use in detecting the presence of antibodies to the antigen in a biological sample.

51. (New) The test kit of claim 50, wherein the test is an enzyme linked immunosorbent assay (ELISA).

52. (New) A test kit for detecting antibodies that can bind to HIV-O comprising:

- (a) the antigen of claim 47 and
- (b) ancillary reagents suitable for use in detecting the presence of antibodies to the antigen in a biological sample.

53. (New) The test kit of claim 52, wherein the test is an enzyme linked immunosorbent assay (ELISA).